

Chuan-Hai Cao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

4,314
citations

36
h-index

65
g-index

76
ext. papers

5,104
ext. citations

6
avg, IF

4.59
L-index

#	Paper	IF	Citations
75	Rare coding variants in <i>PLCG2</i> , <i>AB13</i> , and <i>TREM2</i> implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
74	Common genetic variants in the <i>CLDN2</i> and <i>PRSS1-PRSS2</i> loci alter risk for alcohol-related and sporadic pancreatitis. <i>Nature Genetics</i> , 2012 , 44, 1349-54	36.3	223
73	Caffeine reverses cognitive impairment and decreases brain amyloid-beta levels in aged Alzheimer's disease mice. <i>Journal of Alzheimers Disease</i> , 2009 , 17, 661-80	4.3	214
72	Protection against cognitive deficits and markers of neurodegeneration by long-term oral administration of melatonin in a transgenic model of Alzheimer disease. <i>Journal of Pineal Research</i> , 2009 , 47, 82-96	10.4	196
71	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , 2016 , 21, 108-17	15.1	175
70	Evidence for a role of the rare p.A152T variant in <i>MAPT</i> in increasing the risk for FTD-spectrum and Alzheimer's diseases. <i>Human Molecular Genetics</i> , 2012 , 21, 3500-12	5.6	174
69	Electromagnetic field treatment protects against and reverses cognitive impairment in Alzheimer's disease mice. <i>Journal of Alzheimers Disease</i> , 2010 , 19, 191-210	4.3	148
68	Caffeine suppresses amyloid-beta levels in plasma and brain of Alzheimer's disease transgenic mice. <i>Journal of Alzheimers Disease</i> , 2009 , 17, 681-97	4.3	131
67	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , 2014 , 71, 1394-404	17.2	129
66	Melatonin treatment restores mitochondrial function in Alzheimer's mice: a mitochondrial protective role of melatonin membrane receptor signaling. <i>Journal of Pineal Research</i> , 2011 , 51, 75-86	10.4	125
65	Granulocyte colony stimulating factor decreases brain amyloid burden and reverses cognitive impairment in Alzheimer's mice. <i>Neuroscience</i> , 2009 , 163, 55-72	3.9	120
64	Green tea epigallocatechin-3-gallate (EGCG) and other flavonoids reduce Alzheimer's amyloid-induced mitochondrial dysfunction. <i>Journal of Alzheimers Disease</i> , 2011 , 26, 507-21	4.3	120
63	Assessment of the genetic variance of late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016 , 41, 200.e13-200.e20	5.6	119
62	Caffeine and coffee as therapeutics against Alzheimer's disease. <i>Journal of Alzheimers Disease</i> , 2010 , 20 Suppl 1, S117-26	4.3	113
61	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimers and Dementia</i> , 2017 , 13, 727-738	1.2	106
60	Lipo-AApeptides as a new class of potent and broad-spectrum antimicrobial agents. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 4003-9	8.3	95
59	Herb-drug interactions and mechanistic and clinical considerations. <i>Current Drug Metabolism</i> , 2012 , 13, 640-51	3.5	91

58	High Blood caffeine levels in MCI linked to lack of progression to dementia. <i>Journal of Alzheimer's Disease</i> , 2012 , 30, 559-72	4.3	86
57	An evidence-based update on the pharmacological activities and possible molecular targets of <i>Lycium barbarum</i> polysaccharides. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 33-78	4.4	83
56	Abeta-specific Th2 cells provide cognitive and pathological benefits to Alzheimer's mice without infiltrating the CNS. <i>Neurobiology of Disease</i> , 2009 , 34, 63-70	7.5	77
55	Diverse activation of microglia by chemokine (C-C motif) ligand 2 overexpression in brain. <i>Journal of Neuroinflammation</i> , 2013 , 10, 86	10.1	68
54	Non-hemolytic β A-peptides as antimicrobial peptidomimetics. <i>Chemical Communications</i> , 2011 , 47, 9729-31	5.8	65
53	Long-term electromagnetic field treatment enhances brain mitochondrial function of both Alzheimer's transgenic mice and normal mice: a mechanism for electromagnetic field-induced cognitive benefit?. <i>Neuroscience</i> , 2011 , 185, 135-49	3.9	64
52	Anti-human β -synuclein N-terminal peptide antibody protects against dopaminergic cell death and ameliorates behavioral deficits in an AAV- β -synuclein rat model of Parkinson's disease. <i>PLoS ONE</i> , 2015 , 10, e0116841	3.7	59
51	Lipidated peptidomimetics with improved antimicrobial activity. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 683-6	4.3	56
50	Caffeine synergizes with another coffee component to increase plasma GCSF: linkage to cognitive benefits in Alzheimer's mice. <i>Journal of Alzheimer's Disease</i> , 2011 , 25, 323-35	4.3	56
49	Lipidated cyclic β A-peptides display both antimicrobial and anti-inflammatory activity. <i>ACS Chemical Biology</i> , 2014 , 9, 211-7	4.9	55
48	The potential therapeutic effects of THC on Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2014 , 42, 973-84	4.3	53
47	Helical Antimicrobial Sulfonyl-peptides. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 4802-11	8.3	53
46	Sorafenib inhibits nuclear factor kappa B, decreases inducible nitric oxide synthase and cyclooxygenase-2 expression, and restores working memory in APP ^{swe} mice. <i>Neuroscience</i> , 2009 , 162, 1220-31	3.9	53
45	Identification of β A-peptides with potent and broad-spectrum antimicrobial activity. <i>Chemical Communications</i> , 2011 , 47, 12197-12199	5.8	52
44	Caffeine increases mitochondrial function and blocks melatonin signaling to mitochondria in Alzheimer's mice and cells. <i>Neuropharmacology</i> , 2012 , 63, 1368-79	5.5	51
43	Design and synthesis of unprecedented cyclic β A-peptides for antimicrobial development. <i>Chemical Science</i> , 2012 , 3, 2570	9.4	50
42	β A-peptides as a new class of antimicrobial agents. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4283-90	9.9	40
41	Investigation of antimicrobial PEG-poly(amino acid)s. <i>RSC Advances</i> , 2014 , 4, 2089-2095	3.7	37

40	Improvement of a low pH antigen-antibody dissociation procedure for ELISA measurement of circulating anti-Aβ antibodies. <i>BMC Neuroscience</i> , 2007 , 8, 22	3.2	37
39	Short antimicrobial lipopeptide hybrid peptides. <i>ChemBioChem</i> , 2014 , 15, 2275-80	3.8	34
38	The neuroprotective role of acupuncture and activation of the BDNF signaling pathway. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 3234-52	6.3	34
37	Rarity of the Alzheimer disease-protective APP A673T variant in the United States. <i>JAMA Neurology</i> , 2015 , 72, 209-16	17.2	31
36	Pilot study of granulocyte-colony stimulating factor for treatment of Alzheimer's disease. <i>Journal of Alzheimers Disease</i> , 2012 , 31, 843-55	4.3	31
35	Cellular translocation of a peptide mimetic of Tat peptide. <i>Molecular Pharmaceutics</i> , 2012 , 9, 1529-34	5.6	27
34	Evaluation of an α-synuclein sensitized dendritic cell based vaccine in a transgenic mouse model of Parkinson disease. <i>Human Vaccines and Immunotherapeutics</i> , 2015 , 11, 922-30	4.4	24
33	Acupuncture-Induced Analgesia: The Role of Microglial Inhibition. <i>Cell Transplantation</i> , 2016 , 25, 621-8	4	19
32	The development of antimicrobial α-AApeptides that suppress proinflammatory immune responses. <i>ChemBioChem</i> , 2014 , 15, 688-94	3.8	17
31	Successful adjuvant-free vaccination of BALB/c mice with mutated amyloid beta peptides. <i>BMC Neuroscience</i> , 2008 , 9, 25	3.2	17
30	The potential of hematopoietic growth factors for treatment of Alzheimer's disease: a mini-review. <i>BMC Neuroscience</i> , 2008 , 9 Suppl 2, S3	3.2	16
29	Coffee and caffeine potentiate the anti-amyloidogenic activity of melatonin via inhibition of Aβ oligomerization and modulation of the Tau-mediated pathway in N2a/APP cells. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 241-72	4.4	14
28	Granulocyte-colony stimulating factor (G-CSF) enhances recovery in mouse model of Parkinson's disease. <i>Neuroscience Letters</i> , 2011 , 487, 153-7	3.3	14
27	Cellular uptake of an α-AApeptide. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 1149-53	3.9	12
26	Hippocampal neurogenesis and the brain repair response to brief stereotaxic insertion of a microneedle. <i>Stem Cells International</i> , 2013 , 2013, 205878	5	12
25	Mutant amyloid-beta-sensitized dendritic cells as Alzheimer's disease vaccine. <i>Journal of Neuroimmunology</i> , 2008 , 200, 1-10	3.5	12
24	A Clinical Trial of Transcranial Electromagnetic Treatment in Alzheimer's Disease: Cognitive Enhancement and Associated Changes in Cerebrospinal Fluid, Blood, and Brain Imaging. <i>Journal of Alzheimers Disease</i> , 2019 , 71, 57-82	4.3	11
23	Efficacy of a therapeutic vaccine using mutated β-amyloid sensitized dendritic cells in Alzheimer's mice. <i>Journal of NeuroImmune Pharmacology</i> , 2012 , 7, 640-55	6.9	11

22	The traditional Chinese medicinal formula BDL301 suppresses tumor growth by inhibiting STAT3 pathway and inducing apoptosis in colorectal cancer cells. <i>DNA and Cell Biology</i> , 2015 , 34, 178-88	3.6	10
21	Cell therapy: a safe and efficacious therapeutic treatment for Alzheimer's disease in APP+PS1 mice. <i>PLoS ONE</i> , 2012 , 7, e49468	3.7	9
20	Identifying biomarkers of dementia prevalent among amnesic mild cognitively impaired ethnic female patients. <i>Alzheimer's Research and Therapy</i> , 2016 , 8, 43	9	9
19	Identifying the Pathological Domain of Alpha- Synuclein as a Therapeutic for Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
18	Behavior, protein, and dendritic changes after model traumatic brain injury and treatment with nanocoffee particles. <i>BMC Neuroscience</i> , 2019 , 20, 44	3.2	7
17	Manual acupuncture at the SJ5 (Waiguan) acupoint shows neuroprotective effects by regulating expression of the anti-apoptotic gene Bcl-2. <i>Neural Regeneration Research</i> , 2016 , 11, 305-11	4.5	6
16	An Immunomodulatory Therapeutic Vaccine Targeting Oligomeric Amyloid- β . <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 1639-1653	4.3	6
15	Arginase 1 Insufficiency Precipitates Amyloid- Deposition and Hastens Behavioral Impairment in a Mouse Model of Amyloidosis. <i>Frontiers in Immunology</i> , 2020 , 11, 582998	8.4	6
14	Polymyxin derivatives as broad-spectrum antibiotic agents. <i>Chemical Communications</i> , 2019 , 55, 13104-13107	3.807	5
13	COVID-19 Vaccines: Current Conditions and Future Prospects. <i>Biology</i> , 2021 , 10,	4.9	5
12	Dimeric β A-peptides With Potent and Selective Antibacterial Activity. <i>Frontiers in Chemistry</i> , 2020 , 8, 441	5	4
11	Vaccination induced changes in pro-inflammatory cytokine levels as an early putative biomarker for cognitive improvement in a transgenic mouse model for Alzheimer disease. <i>Human Vaccines and Immunotherapeutics</i> , 2014 , 10, 2024-31	4.4	4
10	Polymer-Encapsulated A β Peptide Fragments as an Oligomeric-Specific Vaccine for Alzheimer's Disease. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 1421-30	4	4
9	The Association of microRNA-34a With High Incidence and Metastasis of Lung Cancer in Gejiu and Xuanwei Yunnan. <i>Frontiers in Oncology</i> , 2021 , 11, 619346	5.3	3
8	An Open-Label, Prospective Study Evaluating the Clinical and Immunological Effects of Higher Dose Granulocyte Colony-Stimulating Factor in ALS. <i>Journal of Clinical Neuromuscular Disease</i> , 2020 , 21, 127-134	1.1	2
7	Effects and mechanism of microRNA-218 against lung cancer. <i>Molecular Medicine Reports</i> , 2020 , 23, 1-1	2.9	2
6	Dendritic and Langerhans cells respond to A β peptides differently: implication for AD immunotherapy. <i>Oncotarget</i> , 2015 , 6, 35443-57	3.3	2
5	Identifiable biomarker and treatment development using HIV-1 long term non-progressor sera. <i>BMC Immunology</i> , 2015 , 16, 25	3.7	1

4	Using Nonlinear Dynamics and Multivariate Statistics to Analyze EEG Signals of Insomniacs with the Intervention of Superficial Acupuncture. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020 , 2020, 8817843	2.3	1
3	Transient Microneedle Insertion into Hippocampus Triggers Neurogenesis and Decreases Amyloid Burden in a Mouse Model of Alzheimer's Disease. <i>Cell Transplantation</i> , 2016 , 25, 1853-1861	4	1
2	Differential effects of chronic immunosuppression on behavioral, epigenetic, and Alzheimer's disease-associated markers in 3xTg-AD mice. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 30	9	1
1	Coffee, Granulocyte Colony-Stimulating Factor (G-CSF), and Neurodegenerative Diseases 2015 , 435-442		